

Substitute for form 1449/PTO  
(Revised 04/2003)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number 10/517,679  
Filing Date May 17, 2005  
First Named Inventor Kim, et al.  
Group Art Unit 1724  
Examiner Name To be determined *Greene*  
Attorney Docket Number 047559/286038

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
<i>Jms</i>	1	US-4,902,487	02-20-1990	Copper, et al.	Whole Document
<i>Jms</i>	2	US-4,973,435	11-27-1990	Jain, et al.	Whole Document

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
<i>Jms</i>	3	EP 0 369 163 A1	05-23-1990	Sakai Chemical Industry Co., Ltd.		
	4	JP9052908	02-25-1997	Idemitsu Kosan Co. Ltd.		Abstract only
	5	JP1199613	08-11-1989	Cataler Kogyo KK		Abstract only
<i>Jms</i>	6	JP2002119809	04-23-2002	Toyota Central Res & Dev Lab Inc.		Abstract only

**OTHER DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
<i>Jms</i>	7	International Search Report from corresponding International Application No. PCT/KR2004/000856, dated July 31, 2004.	

Examiner  
Signature

*Jms m. z*

Date  
Considered

10/12/07

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Revised 07/2005)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 1

**Complete if Known**

Application Number	10/517,679
Filing Date	December 10, 2004
First Named Inventor	Kim et al.
Group Art Unit	1724
Examiner Name	Green
Attorney Docket Number	047559/286038

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
<i>Jm</i>	8	US-6,090,746	07/18/2000	Bonnemann et al.	
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<i>Jm</i>	9	DE 44 10 353 A	09/29/1994	Yukong		
<i>Jm</i>	10	EP 1 043 065 A	10/11/2000	Toyota Jidosha		
<i>Jm</i>	11	EP 0 341 832 A	11/15/1989	Hohnson Matthey		

Examiner  
Signature

*John M. [Signature]*

Date  
Considered

10/12/07

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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